



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Steven Neville Chatfield et al. Attorney Docket: KCO1003US
Serial No.: 09/591,447 Group Art Unit: 1645
Filed: June 9, 2000 Examiner: Ja-Na Hines
For: VACCINES CONTAINING ATTENUATED BACTERIA

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

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Dear Sir:

In response to the August 23, 2002 Office Action, the period for response to which has been extended to February 23, 2002, by the enclosed Petition for Extension of Period for Response and fee, please enter the following amendments and remarks.

IN THE CLAIMS:

Please cancel claims 2 to 6, 21 to 24, 26, and 28 to 30 without prejudice.

Please amend claims 1, 7 to 17, 20, 25, and 27 as follows:

1. (Amended) A composition which invokes an immune response to a pathogenic bacterium comprising a pathogenic bacterium attenuated by a non-

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I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Mailing Label No. EV 241980271 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Date: February 19, 2003

Signature:

Name: Jodi Jung